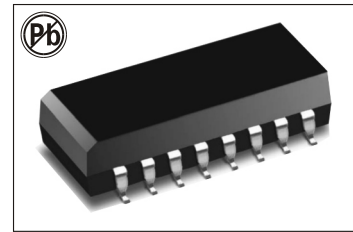


10/100/1000 BASE-T MAGNETICS MODULES

HS16015S, HS16063S



FEATURES:

- Designed to fit with Broadcom, Intel, Micrel, National, Semiconductor, ICS
- Compliant with IEE 802.3u and ANSI X.3.263 standards Including 350uH OCL with 8mA bias.

OPTIONS:

- Tape & Reel is Standard
- Bulk upon request

COMMON APPLICATIONS:

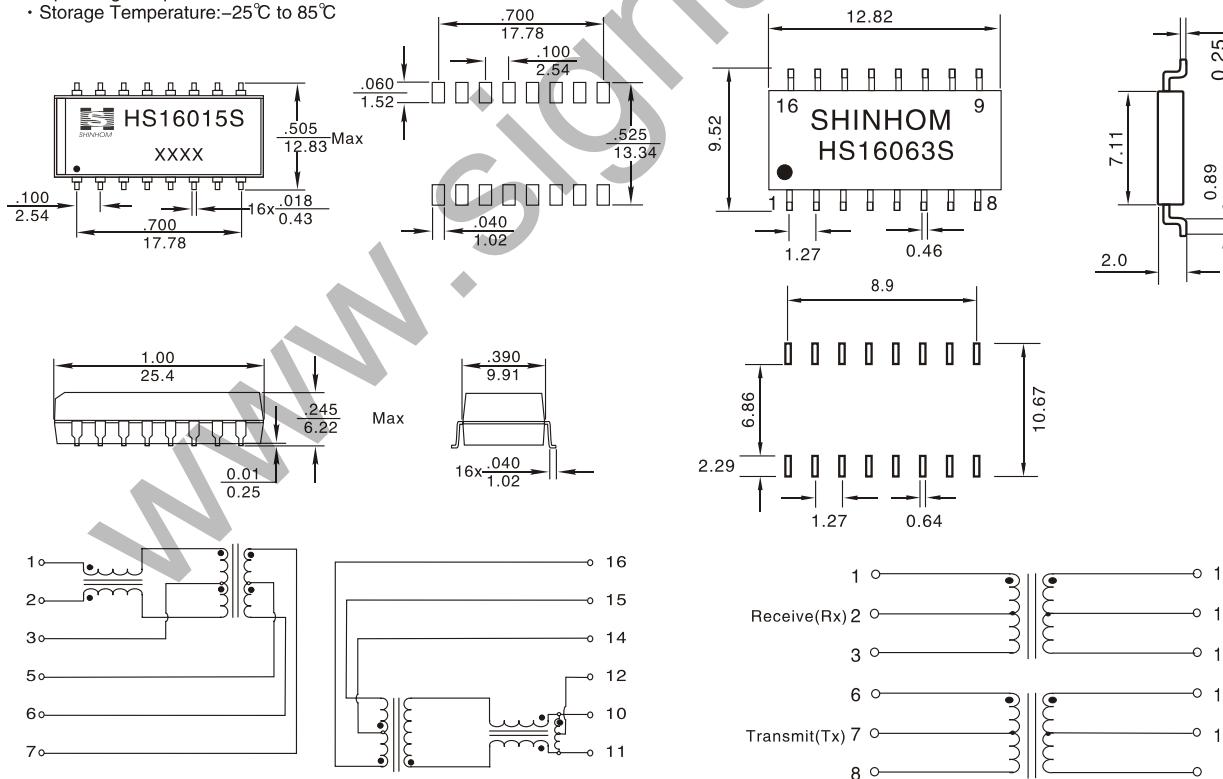
- Cable interface for isolation and low common mode emissions.
- Multiprot Repeater & Ethernet Switching HUB

ELECTRICAL SPECIFICATION @25°C-Operating Temperature 0°C to 70°C

Part number	Turns Ratio ($\pm 2\%$)	Insertion Loss (Max)	Return Loss (dB Min)					Crosstalk (dB Min)				Differential to Common Mode Rejection (dB Min)		Hipot (Vrms Min)
			0.1-100MHz	2-30MHz	40MHz	50MHz	60-80MHz	1kHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz	
HS16015S	1CT:1CT	-1.0	-20	-20	-18	-14	-50	-40	-40	-42	-36	-33	1500	
HS16063S	1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-65	-50	-40	-35	-40	-35	1500	

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

- OCL: 350 μ H Min 8mA DC bias (line side)
- Hi-Pot: 1500 VRMS Min
- Soldering methods: Wave, Reflow
- Operating Temperature: 0°C to 70°C
- Storage Temperature: -25°C to 85°C



DIMENSIONS: $\frac{\text{Inch}}{\text{mm}}$

Unless otherwise specified all tolerances are $\pm 0.010(0.25)$

Note: All specifications subject to change without notice.

DIMENSIONS: mm

Unless otherwise specified all tolerances are ± 0.25